Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

ENTERPRISE RESOURCE PLANNING (ERP)

Operational BI for Supply Chain in ERP Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

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Operational BI for Supply Chain in ERP Training Course

Enterprise Resource Planning (ERP) • 5 Days Intensive • Accredited Certification

Course Overview

Operational BI for Supply Chain in ERP Training Course is meticulously designed for professionals aiming to excel in digital supply chain transformation and ERP analytics.

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
29 Dec 2025 – 2 Jan 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
29 Dec 2025 – 2 Jan 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Accra	Classroom / 5d	**$4,000 USD / KES 90,000**
5 Jan 2026 – 9 Jan 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
5 Jan 2026 – 9 Jan 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
5 Jan 2026 – 9 Jan 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Operational BI for Supply Chain in ERP Training Course

Introduction

In today's rapidly evolving business environment, leveraging Operational Business Intelligence (BI) within Supply Chain Management (SCM) is no longer optional it's a strategic necessity. This training empowers professionals to harness ERP-integrated BI tools, transforming raw data into actionable insights that optimize inventory management, procurement, logistics, and demand forecasting. Participants will learn to analyze real-time operational data, identify bottlenecks, and drive data-driven decision-making that enhances efficiency, reduces costs, and strengthens the overall supply chain ecosystem.

Operational BI for Supply Chain in ERP Training Course is meticulously designed for professionals aiming to excel in digital supply chain transformation and ERP analytics. Through hands-on case studies, interactive sessions, and practical exercises, participants will gain mastery over KPIs, dashboards, predictive analytics, and reporting tools. By the end of this program, learners will confidently convert complex data sets into strategic insights, enabling organizations to respond proactively to market demands, improve supplier collaboration, and achieve operational excellence.

Course Duration

5 days

Course Objectives

- Master Operational BI concepts in supply chain analytics.
- Implement ERP-integrated BI dashboards for real-time insights.

- Analyze inventory and procurement data to reduce operational costs.
- Enhance demand forecasting accuracy using predictive analytics.
- Optimize logistics and distribution performance through data visualization.
- Monitor supply chain KPIs and performance metrics effectively.
- Leverage advanced reporting tools for executive decision-making.
- Apply root cause analysis for supply chain disruptions.
- Integrate big data analytics into ERP-enabled supply chain workflows.
- Develop data-driven strategies for supplier and vendor management.
- Conduct what-if scenario planning for operational efficiency.
- Utilize real-time alerts and triggers for proactive management.
- Implement best practices in operational BI for continuous improvement.

Target Audience

- Supply Chain Managers
- ERP Analysts and Consultants
- Operations Managers
- Data Analysts in SCM
- Procurement and Inventory Specialists
- Logistics Coordinators
- IT Professionals working on ERP
- Business Intelligence Professionals

Course Modules

Module 1: Introduction to Operational BI in Supply Chain

- Understanding Operational BI vs. Strategic BI
- Key components of ERP-based BI
- Supply chain processes and data flow mapping
- Role of dashboards and KPIs in operational decisions
- Case Study: BI implementation in a global manufacturing supply chain

Module 2: ERP Data Integration

- Overview of ERP modules relevant to supply chain
- Techniques for data extraction and transformation
- Ensuring data quality and consistency
- Connecting BI tools with ERP systems
- Case Study: ERP data integration challenges in FMCG

Module 3: Inventory Analytics

- Tracking stock levels and turnover
- Identifying slow-moving and obsolete inventory
- Safety stock optimization using BI
- Automated inventory alerts and reporting
- Case Study: Reducing warehouse costs through BI insights

Module 4: Procurement and Supplier Analytics

- Monitoring supplier performance and compliance
- Predicting procurement trends using BI
- Optimizing purchase order cycles
- Vendor risk assessment with data-driven insights
- Case Study: BI-driven supplier negotiation strategy

Module 5: Demand Forecasting and Planning

- Forecasting models in ERP predictive analytics
- Analyzing historical sales and market trends

- Balancing supply and demand efficiently
- Generating scenario-based forecasts
- Case Study: Demand planning improvement in retail

Module 6: Logistics and Distribution Analytics

- Route optimization and transportation efficiency
- Warehouse analytics for fulfillment optimization
- Real-time shipment tracking using BI
- Cost-to-serve analysis and performance monitoring
- Case Study: Logistics cost reduction through BI dashboards

Module 7: Performance Measurement & KPIs

- Identifying critical supply chain KPIs
- Creating interactive dashboards for decision makers
- Benchmarking and trend analysis
- Monitoring operational performance metrics
- Case Study: KPI-driven operational improvement

Module 8: Advanced Reporting & Predictive Analytics

- Designing executive-ready BI reports
- Using predictive models for risk mitigation
- Implementing alerts and triggers for anomalies
- Leveraging big data for supply chain optimization
- Case Study: Predictive analytics in a high-volume production unit

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/operational-bi-for-supply-chain-in-erp-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.